

## OpenCV - Bug # 257: Build failure snow leopard 10.6.3

<b>Status:</b>	Done	<b>Priority:</b>	Low
<b>Author:</b>	Roman Brenes	<b>Category:</b>	python bindings
<b>Created:</b>	2010-04-05	<b>Assignee:</b>	James Bowman
<b>Updated:</b>	2010-04-05	<b>Due date:</b>	

**Affected version:****Difficulty:****Pull request:****Operating System:****HW Platform:****Description:**

```
<pre>
```

```
/Library/Python/2.6/site-packages/numpy-1.4.0.dev7542_20091216-py2.6-macosx-10.6-universal.egg/numpy/core/include/numpy/npymath/npymath.h:79:2: error: #error Must use Python with unicode enabled.  
[ 92%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/acascadeandhog.o  
[ 92%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/achesscorners.o  
[ 92%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/acolor.o  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:13: error: expected initializer before '** token  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:16: error: ISO C++ forbids declaration of 'PyObject?_HEAD' with no type  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:17: error: expected ';' before 'void'  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:18: error: 'Py_ssize_t' does not name a type  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:22: error: 'PyObject?_HEAD' does not name a type  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:24: error: ISO C++ forbids declaration of 'PyObject?' with no type  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:24: error: expected ';' before '** token  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:29: error: 'PyObject?_HEAD' does not name a type  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:31: error: ISO C++ forbids declaration of 'PyObject?' with no type  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:31: error: expected ';' before '** token  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:36: error: 'PyObject?_HEAD' does not name a type  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:38: error: ISO C++ forbids declaration of 'PyObject?' with no type  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:38: error: expected ';' before '** token  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:43: error: 'PyObject?_HEAD' does not name a type  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:45: error: ISO C++ forbids declaration of 'PyObject?' with no type  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:45: error: expected ';' before '** token  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:49: error: 'PyObject?_HEAD' does not name a type  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:54: error: 'PyObject?_HEAD' does not name a type  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:56: error: ISO C++ forbids declaration of 'PyObject?' with no type  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:56: error: expected ';' before '** token  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:60: error: 'PyObject?_HEAD' does not name a type
```

/Users/abdalahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:62: error: ISO C++ forbids declaration of 'PyObject?' with no type  
/Users/abdalahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:62: error: expected ';' before '\*\*' token  
/Users/abdalahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:67: error: 'PyObject?\_HEAD' does not name a type  
/Users/abdalahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:69: error: ISO C++ forbids declaration of 'PyObject?' with no type  
/Users/abdalahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:69: error: expected ';' before '\*\*' token  
/Users/abdalahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:73: error: 'PyObject?\_HEAD' does not name a type  
/Users/abdalahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:75: error: ISO C++ forbids declaration of 'PyObject?' with no type  
/Users/abdalahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:75: error: expected ';' before '\*\*' token  
/Users/abdalahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:79: error: 'PyObject?\_HEAD' does not name a type  
/Users/abdalahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:81: error: ISO C++ forbids declaration of 'PyObject?' with no type  
/Users/abdalahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:81: error: expected ';' before '\*\*' token  
/Users/abdalahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:85: error: 'PyObject?\_HEAD' does not name a type  
/Users/abdalahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:93: error: 'PyObject?' does not name a type  
/Users/abdalahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:96: error: 'PyObject?\_HEAD' does not name a type  
/Users/abdalahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:101: error: 'PyObject?\_HEAD' does not name a type  
/Users/abdalahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:106: error: 'PyObject?\_HEAD' does not name a type  
/Users/abdalahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:111: error: 'PyObject?\_HEAD' does not name a type  
/Users/abdalahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:115: error: 'PyObject?' was not declared in this scope  
/Users/abdalahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:115: error: 'o' was not declared in this scope  
/Users/abdalahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:116: error: 'PyObject?' was not declared in this scope  
/Users/abdalahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:116: error: 'o' was not declared in this scope  
/Users/abdalahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:117: error: 'PyObject?' was not declared in this scope  
/Users/abdalahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:117: error: 'o' was not declared in this scope  
/Users/abdalahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:118: error: 'PyObject?' was not declared in this scope  
/Users/abdalahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:118: error: 'o' was not declared in this scope  
/Users/abdalahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:118: error: expected primary-expression before '\*\*' token  
/Users/abdalahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:118: error: 'dst' was not declared in this scope  
/Users/abdalahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:118: error: expected primary-expression before 'const'  
/Users/abdalahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:118: error: initializer expression list

treated as compound expression  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:119: error: 'PyObject?' was not declared in this scope  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:119: error: 'o' was not declared in this scope  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:119: error: expected primary-expression before '\*\*' token  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:119: error: 'dst' was not declared in this scope  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:119: error: expected primary-expression before 'const'  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:119: error: initializer expression list treated as compound expression  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:120: error: 'PyObject?' was not declared in this scope  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:120: error: 'o' was not declared in this scope  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:120: error: expected primary-expression before '\*\*' token  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:120: error: 'dst' was not declared in this scope  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:120: error: expected primary-expression before 'const'  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:120: error: initializer expression list treated as compound expression  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:121: error: 'PyObject?' was not declared in this scope  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:121: error: 'o' was not declared in this scope  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:121: error: expected primary-expression before '\*\*' token  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:121: error: 'dst' was not declared in this scope  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:121: error: expected primary-expression before 'const'  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:121: error: initializer expression list treated as compound expression  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:122: error: expected initializer before '\*\*' token  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:123: error: expected initializer before '\*\*' token  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:124: error: expected initializer before '\*\*' token  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:125: error: expected initializer before '\*\*' token  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:145: error: expected initializer before '\*\*' token  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp: In function 'void translate\_error\_to\_exception()':  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:150: error: 'opencv\_error' was not declared in this scope  
/Users/abdallahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:150: error: 'PyErr?\_SetString' was not declared in this scope

```
/Users/abdalahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp: In function 'int failmsg(const char*, ...)':
/Users/abdalahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:180: error: 'PyExc?_TypeError' was not
declared in this scope
/Users/abdalahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:180: error: 'PyErr?_SetString' was not
declared in this scope
/Users/abdalahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp: At global scope:
/Users/abdalahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:188: error: expected initializer before '**
token
[ 92%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/acomposeRT.o
/Users/abdalahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:115: warning: 'is_iplimage' defined but
not used
/Users/abdalahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:116: warning: 'is_cvmat' defined but not
used
/Users/abdalahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:117: warning: 'is_cvmatnd' defined but
not used
/Users/abdalahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:118: warning: 'convert_to_CvArr' defined
but not used
/Users/abdalahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:119: warning: 'convert_to_IplImage'
defined but not used
/Users/abdalahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:120: warning: 'convert_to_CvMat' defined
but not used
/Users/abdalahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:121: warning: 'convert_to_CvMatND'
defined but not used
/Users/abdalahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:148: warning: 'void
translate_error_to_exception()' defined but not used
/Users/abdalahmaneweiwi/opencv/opencv/interfaces/python/cv.cpp:171: warning: 'int failmsg(const char*,
...)' defined but not used
maker2: *** [interfaces/python/CMakeFiles/cvpy.dir/cv.o] Error 1
maker1: *** [interfaces/python/CMakeFiles/cvpy.dir/all] Error 2
maker1: *** Waiting for unfinished jobs....
[ 92%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/acondens.o
[ 93%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/acontourmoments.o
[ 93%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/acontours.o
[ 93%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/acontourmatch.o
[ 93%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/aconvhull.o
[ 93%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/acornerssubpix.o
[ 93%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/acretecontourtree.o
[ 93%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/adistancetransform.o
[ 93%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/adrawing.o
[ 94%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/adrawing_regress.o
[ 94%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/aeigenobjects.o
[ 94%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/aemd.o
[ 94%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/aestimaterigid.o
[ 94%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/affine3d_estimator.o
[ 94%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/afilter.o
[ 94%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/afloodfill.o
[ 94%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/afundam.o
[ 95%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/ahistograms.o
[ 95%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/ahmmobs.o
[ 95%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/ahoughtransform.o
[ 95%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/aimage.o
[ 95%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/aimgwrap.o
[ 95%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/akalman.o
```

```
[ 95%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/akmeans.o
[ 95%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/amatchcontourtrees.o
[ 96%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/amoments.o
[ 96%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/amotiontemplates.o
[ 96%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/amotseg.o
[ 96%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/amser.o
[ 96%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/anearestneighbors.o
[ 96%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/aoptflowhs.o
[ 96%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/aoptflowlk.o
[ 96%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/aoptflowpyrlk.o
[ 97%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/aposit.o
[ 97%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/apyrsegmentation.o
[ 97%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/areprojectImageTo3D.o
[ 97%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/asnakes.o
[ 97%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/astereocorrespondencegc.o
[ 97%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/astereomatching.o
[ 97%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/asubdivisions.o
[ 97%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/atemplmatch.o
[ 98%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/athresh.o
[ 98%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/aundistort.o
[ 98%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/bcameracalibration.o
[ 98%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/bchesscorners.o
[ 98%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/bundistort.o
[ 98%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/cvchessboardgenerator.o
[ 98%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/cvtest.o
[ 98%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/detectors_test.o
[ 99%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/fast.o
[ 99%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/grabcut.o
[ 99%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/highguitest.o
[ 99%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/highguitest_guionly.o
[ 99%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/inpaint.o
[ 99%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/optflow.o
[ 99%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/tchesscorners.o
[ 99%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/tsysa.o
[100%] Building CXX object tests/cv/CMakeFiles/cvtest.dir/src/watershed.o
Linking CXX executable ../../bin/cvtest
[100%] Built target cvtest
make: *** [all] Error 2
</pre>
```

## Associated revisions

2012-12-24 04:38 pm - Andrey Kamaev

Merge pull request #257 from AnnaKogan8:perf-tests-timing-script

## History

2010-04-05 06:10 am - Ryan Lei

- Status changed from Open to Done

- (deleted custom field) set to worksforme

I've read that you do need the python interface, but it works for me: Mac OS X 10.6.3

<pre>

Because my cmake configuration says:

<pre>

```
-- Interfaces:
-- Old Python:      0
-- Python:          ON
-- Python interpreter: /opt/local/bin/python2.6
-- Python numpy:    0
```

</pre>

The Python interpreter goes to the one installed by Macports, not the Apple-built-in python.

The Macports one is newer (2.6.5, Apr, 2010), and the built-in one is older (2.6.1, Feb, 2010):

<pre>

```
$ /opt/local/bin/python2.6
Python 2.6.5 (r265:79063, Apr 5 2010, 01:51:43)
[GCC 4.2.1 (Apple Inc. build 5646) (dot 1)] on darwin
```

```
$ /usr/bin/python
Python 2.6.1 (r261:67515, Feb 11 2010, 00:51:29)
[GCC 4.2.1 (Apple Inc. build 5646)] on darwin
```

</pre>

**2010-04-05 10:51 pm - anonymous -**

romanab, can you confirm? What does the output of cmake configuration say? Thanks.